



M235 AIR

Air operated dry industrial vacuum

Suction unit

The vacuum cleaner M235 AIR is a compressed air vacuum cleaner powered by a powerful Venturi suction unit, (using no electric or mechanical components), placed inside a sturdy steel casing, and thus protected against any external damage; special noise buffers reduce the noise within the safety standards of work and the exhausted air is conveyed towards the ground, so as not to bother the user and not to raise possible dust in the neighbouring area. The control board includes an air pressure gauge (to check the pressure of the incoming air supply) and vacuum indicator, useful to detect possible clogging of the filter. Two handles enable an easy lifting and removal of the suctionhead, for possible inspection or replacement of the underlying filter.

Filter unit

The filter is placed and protected inside the steel filter chamber the polyester star filter provides a filter surface of 20.000 cm², and high filtration efficiency (class L, 3 micron). A manual filter shaker enables the user to clean the filter efficiently, by a vertical shaking movement, so as to detach most of the dust and maintain the filter clean, in order to increase its life and maintain the suction performance of the machine. The frontal aluminium die-cast suction inlet (Ø80 mm. diameter), placed below the filter, makes it possible to vacuum at the same time dust and solid, reducing the clogging effect and with no need to change or take out the filter.

Collection unit

The vacuumed material is placed inside a drop-down bin mounted on wheels (35 litres capacity), operated by user friendly handles placed at operator's height, which makes it possible to dispose easily and safely of the sucked material, if need be collecting it directly into a plastic bag (special bags for collection of hazardous dust are available on request).

The vacuum is mounted on a sturdy steel chassis with two pivoting wheels, one of which with brakes. A compressor (not included) is needed to operate the vacuum.

Technical data sheet

MODEL – M235 AIR		
Suction unit	Type	Venturi
Operating pressure	Bar	6
Air supply required	Lt/min	1500
Max. Vacuum rate*	mm.H2O	4.500
Max. Air flow rate**	M3/h	170
Filter	Type	Cartridge
Filter surface	Cm2	20.000
Filter efficiency	CAT (BIA) / micron	M >1
Bin collection capacity	Lt.	35
Suction inlet	∅	80
Noise level	dB(A)	72
Dimensions	cm.	52 x 48
Height	cm.	100
Weight	Kg.	28

* Measured with fully closed suction inlet

** Measured with fully open suction inlet

Options

Code	Description
M	Filter for fine dust - class M
H	Absolute filter (BIA certified) with efficiency 99,995% particle size 0,18 µm standard EN 1822
X	Stainless steel collection tank
ANT	Antistatic filter
MT	Earth grounding